CAGLE, FRED R.
A System of Marking Turtles for Future Identification (4 figs.) 170
A Winter Aggregation of *Siren intermedia* and *Triturus viridescens* (1 fig.) 232

CAHN, A. R.
The Barking Frog, *Hyla gratiosa*, in Northern Alabama (1 fig.) 52
Anolis carolinensis in Tennessee 169

CAMPBELL, GEORGE R. and WILIAM H. STICKEL
Notes on the Yellow-lipped Snake 105

CARR, A. F., JR.
A Geckonid Lizard New to the Fauna of the United States 232

CARR, KATHERINE (*See* Wilfred A. Welter)

CHAPEL, WILLIAM L.
Field Notes on *Hyla wrightorum* Taylor 225

CREASER, CHARLES W.
A Lamprey of the Genus *Lampetra* from Indiana 169

DAVID, LORE R.
Embryonic and Early Larval Stages of the Grunion, *Leuresthes tenuis*, and of the Sculpin, *Scorpaena guttata* (1 pl.) 75

DOAN, KENNETH H.
Growth of Bass Fry (3 figs.) 81

DOLLEY, JOHN S.
An Anomalous Pregnancy in the Copperhead 170

DUNN, E. R.
Mainland Forms of the Snake Genus *Tretanorhinus* 212

EATON, THEODORE H., JR.
Suggestions on the Evolution of the Operculum of Fishes 42
Development of the Frontoparietal Bones in Frogs (1 fig.) 95

EWING, H. E.
Growth in the Eastern Box Turtle, with Special Reference to the Dermal Shields of the Carapace (3 figs.) 87

FOWLER, J. A.
A Pilot Black Snake in Hibernation 234

GITHENS, THOMAS S. (*See* Nigel O'Connor Wolff)

GOIN, COLEMAN J.
Notes on *Pseudotriton ruber vioscai* Bishop 231

GORDON, KENNETH L. (*See* William Graf)

GRAF, WILLIAM, STANLEY G. JEWETT, JR., and KENNETH L. GORDON
Records of Amphibians and Reptiles from Oregon 101

GRANT, CHAPMAN
Two New Sphaerodactyls from Jamaica (3 figs.) 7
Additional Data on Jamaican Snakes of the Genus *Dromicus* 105

GRAY, I. E.
An Extension of the Range of *Plethodon yonahlossee* 106

GREEN, N. BAYARD
The Pygmy Salamander *Desmognathus wrighti* King, on White Top Mountain, Virginia 49

GUNTER, GORDON
A Description of Four Specimens of the Sole, *Nodogymnus williamsoni*, with Notes on the Species (3 figs.) 188

HARTWEG, NORMAN
Further Notes on the *Pseudemys scripta* complex 55

HERRE, ALBERT W. C. T.
A New *Henichthys* from the Philippines 199

HESS, A. D. and J. H. RAINWATER
A Method for Measuring the Food Preference of Trout 154

HUBBS, CARL L.
Hepsetus to Replace *Hydrocyonoides* and *Sacrodaces* for a Genus of African Fresh-water Fishes 168

HUNTER, GEORGE W., III, and JOHN S. RANKIN, JR.
The Food of Pickerel (3 figs.) 194

JANES, RALPH G.
Studies of the Amphibian Digestive System. IV. The Effect of Diet on the Small Intestine of *Rana sylvatica* (3 figs.) 134

JEWETT, STANLEY G. (*See* William Graf)

KOSTER, WILLIAM J.
Some Phases of the Life History and Relationships of the Cyprinid, *Clinostomus elongatus* (Kirtland) 201

LACHNER, ERNEST A. (*See* Edward C. Raney)

LOGIER, E. B. SHELLEY
Butler's Garter-Snake, *Thamnophis butleri*, in Ontario 20

MANVILLE, RICHARD H.
Notes on the Herpetology of Mount Desert Island, Maine 174

MARSHALL, NELSON
Annulus Formation in Scales of the Common Shiner, *Notropis cornutus chrysocephalus* (Rafinesque) (1 pl.) 148

MASLIN, THOS. PAUL, JR.
Egg-Laying of the Slender Salamander (*Batrachoseps attenuatus*) 209

MERRIMAN, DANIEL
Notes on Some Marine Fishes from Connecticut, with Comments on the Scales of *Elops saurus* (1 pl.) 113

MILLER, ROBERT R.
Occurrence of the Cyprinodont Fish *Fundulus parvipinnis* in Fresh Water in San Juan Creek, Southern California 168

MOORE, BETTY (*See* John Moore)

MOORE, JOHN and BETTY MOORE
Notes on the Salientia of the Gaspé Peninsula 104

MCCAULEY, ROBERT H., JR.
An Extension of the Range of *Abastor erythrogrammus* 54
Differences in the Young of *Eumeces fasciatus* and *Eumeces laticeps* 93

NEEDHAM, P. R. and H. JOHN RAYNER
The Experimental Stream, a Method for Study of Trout Planting Problems (1 fig.) 31

NICHOLS, J. T.
Data on Size, Growth and Age in the Box Turtle, *Terrapene carolina* (2 figs.) .. 14
A Frogfish, *Antennarius tagus* Heller and Snodgrass, from Ecuador 48
Disposition in the Box Turtle 107
Range and Homing of Individual Box Turtles 125

NIGRELLI, R. F. (*See* C. M. Breder, Jr.)

ORTH, JOHN C.
Moth Larvae in a Copperhead's Stomach 54

PATCH, CLYDE L.
Northern Forms of the Wood-Frog 236

PIATT, JEAN
Correct Terminology in Salamander Myology. I. Intrinsic Gill Musculature (2 figs.) 220

RAINWATER, J. H. (*See* A. D. Hess)

RANEY, EDWARD C.
The Breeding Habits of *Ichthyomyzon greeleyi* Hubbs and Trautman 111
Observations on the Nesting Habits of *Parexoglossum laurae* Hubbs and Trautman 112

RANEY, EDWARD C. and ERNEST A. LACHNER
Observations on the Life History of the Spotted Darter, *Poecilichthys maculatus* (Kirtland) (2 figs.) 157

RANKIN, JOHN S., JR. (*See* George W. Hunter, III)

RAYNER, H. JOHN (*See* P. R. Needham)

RICHARDSON, LAURENCE R.
The Spawning Behavior of *Fundulus diaphanus* (Le Sueur) 165

RODMAN, GAGE B., JR.
Habits of *Trimorphodon vandenburghi* in Captivity 50

ROGERS, THOMAS L.
A Lizard Live-Trap (1 fig.) 51

SACKETT, J. F.
A Record of *Gobiomorus dormitor* from Florida Fresh Water 48

SCHROEDER, WILLIAM C.
Additional Gulf of Maine Records of the White Shark *Carcharodon carcharias* Linnaeus from the Gulf of Maine in 1937 48

SKERMER, GEO. H.
A Note on *Eleutherodactylus ricordii* 107

SMITH, HUGH M.
A New Genus of Clariid Fishes 237

SMITH, HUGH M. and ROBERT A. GOFFIN
A Sting Ray (*Dasyatis say*) New to New England 237

SMITH, PHILIP E. (*See* Fred R. Cagle)

SPRINGER, STEWART
The Great White Shark, *Carcharodon carcharias* (Linnaeus), in Florida Waters .. 114
The Egg Case of the Texas Skate 238

STABLER, ROBERT M.
Frequency of Skin Shedding in Snakes 227

STICKEL, WILLIAM H. (*See* George R. Campbell)

STUART, L. C.
A New Name for the Genus *Eudryas* Fitzinger 1843 55

TAYLOR, EDWARD H.
On North American Snakes of the Genus *Leptotyphlops* (1 pl.) 1
A New Bromeliad Frog (1 fig.) 97
A New Species of the Lizard Genus *Lepidophyma* (2 figs.) 131

TRAPIDO, HAROLD
Parturition in the Timber Rattlesnake, *Crotalus horridus horridus* Linné 230

UNDERHILL, A. HEATON
Cross Between *Esox niger* and *E. lucius* 238

VAN DUYN, GUY
Extension in Range of *Stilosoma extenuatum* 51

VAN DUZER, EVELYN M.
Observations on the Breeding Habits of the Cut-Lips Minnow, *Exoglossum maxillingua* 65

VESTAL, ELDEN H.
Mating Posture in the Alligator Lizard (*Gerrhonotus coeruleus*) (1 fig.) 235

WELTER, WILFRED A. and KATHERINE CARR
Amphibians and Reptiles of Northeastern Kentucky 128

WOLFF, NIGEL O'CONNOR and THOMAS S. GITHENS
Record Venom Extraction from Water Moccasin 52
Yield and Toxicity of Venom from Snakes over a Period of Two Years 254

WOOD, WALLACE F.
Amphibian Records from Northwestern California 110